

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: WILLIS, Chris L.

Group Art Unit:

Serial No.

Examiner:

Filed: HEREIN

Atty. Dkt. No: 20030001-US

For: OPTIC SWITCHING MECHANISM

To: Mail Stop Patent Application
 Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Fm:



CERTIFICATE OF MAILING 37 CFR 1.10: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as EXPRESS MAIL POST OFFICE TO ADDRESSEE addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA22313-1450.

Date: 07/02/2003

[] Debra A. Stengel or [] Scott J. Asmus, Reg. No. 42,269

Commissioner:

LETTER OF TRANSMITTAL

Submitted herewith is a application for United States patent consisting of 1 page Fee Transmittal form PTO/SB/17 to cover filing fee, 1 page Patent Application Bibliographic Data Sheet, 20 pages of specification and claims, 8 sheets of drawings, 1 page of declaration and power of attorney.

- [] (37 CFR 1.9(f) & 1.27(c)) Small Entity status applies.
- [] (35 U.S.C. 122(b)(2)(B)(i)) PTO form PTO/SB/35 re: Publication enclosed
- [] (37 CFR 1.84(J)) – Applicant requests FIG. 1b for inclusion on the front page of the patent application publication and patent.
- [] PCT application being filed concurrently

The invention was not made by an agency of the United States Government nor under a contract with an agency of the United States Government.

17363 U.S. PTO
 10/612548
 07/02/03

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 852.00)

Complete if Known

Application Number	
Filing Date	HEREIN
First Named Inventor	WILLIS, Chris L.
Examiner Name	
Art Unit	
Attorney Docket No.	20030001-US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	190130
Deposit Account Name	BAE Systems

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 750)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	21	-20** = 1	x 18	= 18
Independent Claims	4	-3** = 1	x 84	= 84
Multiple Dependent				

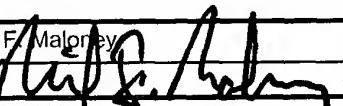
Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 102)

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$)

(Complete if applicable)

Name (Print/Type)	Neil F. Maloney	Registration No. (Attorney/Agent)	42,833	Telephone	603-886-6100
Signature			Date	July 2, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXPRESS MAIL CERTIFICATE EV 265 903 889 US

Fee calculation table:

Fee calculation is based on 4 independent and 21 total claims

<input checked="" type="checkbox"/> 37CFR1.16(a) Basic filing fee - Utility	\$750.00
<input checked="" type="checkbox"/> 37CFR1.16(b) Independent claims in excess of three - <u>1</u> x \$84.00 ea.	84.00
<input checked="" type="checkbox"/> 37CFR1.16(c) Claims in excess of twenty - <u>1</u> x \$18.00 ea.	18.00
<input type="checkbox"/> 37CFR1.21(h) Recordation of Assignment	\$ _____
TOTAL DUE:	\$852.00

DEPOSIT ACCOUNT **190130** AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,



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